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aircraft door landing gear

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## Patents

Patents 1 - 10 on aircraft door landing gear. (0.33 seconds)

### Linked multi-segment landing gear door for aircraft

US Pat. 6345786 - Filed Mar 3, 2000 - The Boeing Company

United States Patent Sakurai (54) LINKED MULTI-SEGMENT LANDING GEAR DOOR FOR AIRCRAFT (75) Inventor: Seiya Sakurai, Seattle, WA (US) (73) Assignee: The ...

### Drive mechanism for an aircraft landing gear bay door

US Pat. 6499694 - Filed Jul 19, 2001 - Airbus Deutschland GmbH

United States Patent Roloff () DRIVE MECHANISM FOR AN AIRCRAFT LANDING GEAR BAY DOOR (75) Inventor: Gerd Roloff, Buxtehude (DE) (73) Assignee: Airbus ...

### Door operated linkage for support of retracted airplane landing gear

US Pat. 4568045 - Filed Aug 17, 1983 - The Boeing Company

United States Patent Mayer [ii] Patent Number: [45] Date of Patent: [54] DOOR OPERATED LINKAGE FOR SUPPORT OF RETRACTED AIRPLANE LANDING GEAR [75] Inventor: ...

### RETRACTABLE FRONT LANDING GEAR FOR CARGO AIRCRAFT

US Pat. 3335981 - Filed May 31, 1966

(Cl. 244—102) This invention relates broadly to aircraft landing gear and ... Moreover, since the ramp/pressure door structure is employed to support the ...

### System for preventing the automatic opening of an improperly closed and locked aircraft door

US Pat. 5480109 - Filed Mar 18, 1994 - Deutsche Aerospace Airbus GmbH

2, the data provided by the landing gear control arrangement 55 and engine monitoring arrangement 60 of the aircraft are conducted by signal lines 26 and ...

### RETRACTABLE AIRCRAFT LANDING GEAR

US Pat. 2692097

This invention is directed essentially to an improved retractable landing gear and fairing closure or door arrangement of extreme simplicity and ...

### Rotary landing gear assembly

US Pat. 6352221 - Filed Mar 3, 2000 - The Boeing Company

With landing gear, for example, it is desirable that when the airplane is on the ... discloses a door structure for a bomb bays in the military aircraft. ...

### STEERABLE AND RETRACTABLE AIRCRAFT LANDING GEAR

US Pat. 2752112 - Filed Mar 31, 1953

s door latch mechanism 35 is pivotally mounted upon the door structure and ... In an aircraft, a landing gear comprising a central support member fixed to ...

### RETRACTABLE LANDING GEAR

US Pat. 2538878 - Filed Feb 5, 1948

In an aircraft, a retractable landing gear installation including a landing ... of the landing gear and a fairing door pivotally mounted upon the aircraft, ...

### 3-Wheeled levered trailing beam landing gear

US Pat. 4412665 - Filed Nov 2, 1981 - McDonnell Douglas Corporation

An aircraft articulated landing gear of the type having a lever trailing the ... The articulated aircraft landing gear of claim 1 wherein said shock strut ...

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**[Hinged door for aircraft landing gear - Patent 7178759](#)**

The door comprises a panel (14) formed from two rigid parts (14a, 14b) hinged to each other edge to edge. A first part (14a) of these two parts is connected ...

[www.freepatentsonline.com/7178759.html](http://www.freepatentsonline.com/7178759.html) - 36k -

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**[Plane maker apologizes over landing-gear failure | The Japan Times ...](#)**

Since the 1980s, DHC-8 series aircraft, though none of the DHC-8Q400 type, ... urged airlines operating its DHC-8Q400s to check the nose gear door mechanism ...  
[search.japantimes.co.jp/cgi-bin/nn20070317a5.html](http://search.japantimes.co.jp/cgi-bin/nn20070317a5.html) - 32k - [Cached](#) - [Similar pages](#)

**[F-4D Phantom II Front Landing Gear Door w/ ART - Model Airplanes ...](#)**

AUTHENTIC Nose Landing Gear Door from F-4D Phantom II Aircraft. Gear Door has ORIGINAL Paint from the 906th TFG at Wright Patterson AFB Dayton, ...

[www.warplanes.com/store/item.asp?department\\_id=93&item\\_id=1000](http://www.warplanes.com/store/item.asp?department_id=93&item_id=1000) - 29k -

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**[CORRECTED: 2ND LD: Bombardier plane hits landing gear snag, lands ...](#)**

Transport ministry investigators said later that a bolt locking the front landing-gear doors on the plane had come off, obstructing the gear's deployment ...  
[asia.news.yahoo.com/070320/kyodo/d8nvv37g0.html](http://asia.news.yahoo.com/070320/kyodo/d8nvv37g0.html) - 20k - [Cached](#) - [Similar pages](#)

**[\[PDF\] EMB-145 NOSE LANDING GEAR DOOR STRESS ANALYSIS Francisco K ...](#)**

File Format: PDF/Adobe Acrobat - [View as HTML](#)

In the present report the structural analysis of EMBRAER's EMB-145 Aircraft Nose. Landing Gear Door (N.L.G.D.) is shown. The EMB-145 Nose Landing Gear Door ...  
[www.mscsoftware.com/support/library/conf/wuc96/10a\\_arak.pdf](http://www.mscsoftware.com/support/library/conf/wuc96/10a_arak.pdf) - [Similar pages](#)

**[Commander 115 Features - Airframe](#)**

Airframe Features and Characteristics of the Commander 115 Aircraft. ... The landing gear incorporates a back-up 'free fall' system allowing the gear to ...

[www.commanderpremier.com/115/features\\_airframe.htm](http://www.commanderpremier.com/115/features_airframe.htm) - 31k -

[Cached](#) - [Similar pages](#)

**[\[PDF\] Exhibit 18C](#)**

File Format: PDF/Adobe Acrobat - [View as HTML](#)

Following the Group's examination of the nose landing gear doors and associated components, the nose landing gear door retract actuator was inspected to ...

[www.cnn.com/US/9707/twa.800/reports/pdfs/ex\\_18C.pdf](http://www.cnn.com/US/9707/twa.800/reports/pdfs/ex_18C.pdf) - [Similar pages](#)

[asahi.com](#) : Detached bolt the likely cause for **landing gear** failure ...

Other parts near the place where the bolt was supposed to have been had also fallen off, making the **landing gear door** even more difficult to open, ...

[www.asahi.com/english/Herald-asahi/TKY200703150071.html](http://www.asahi.com/english/Herald-asahi/TKY200703150071.html) - 16k -

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[AFRL Improves Durability For C-17 Main \*\*Landing Gear Doors\*\*](#)

Increasing C-17 main **landing gear door** failure rates have become a major contributor to reduced mission capability of the aircraft. ...

[www.ml.afrl.af.mil/stories/MLM/afrl\\_ws\\_05\\_2552.html](http://www.ml.afrl.af.mil/stories/MLM/afrl_ws_05_2552.html) - 15k - [Cached](#) - [Similar pages](#)

[CONCORDE SST : \*\*Landing Gear\*\*](#)

Concorde's **landing gear** differs from those on other aircraft for several ... The RED centre row indicates the **gear doors** are open or that the tail gear is ...

[www.concordesst.com/gear.html](http://www.concordesst.com/gear.html) - 10k - [Cached](#) - [Similar pages](#)

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*Interference Search*  
**EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	aircraft landing gear door assembly pluarlity open position cuases second door installed	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/26 09:39

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	5743	244/100R,102R,102A,129.1,129.4,129.5,118.3,137.1,137.2,137.3,137.4,119.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 09:34
L5	75	4 and @pd>"20060919"	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 09:34
L6	58	WHITE near NICHOLAS	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 09:36
S53	785	aircraft and landing near3 gear and door and rotat\$4	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/25 19:23

L4, L5: Updated Search

L6: Inventor Search

S53: Updated Word Search

# Updated Search history

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	61071	244/100R, 102R, 102A, "129.1", "129.4", "129""."5,118""."3,137""."1,137""."2,137""."4,119".ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 09:32
L2	180	244/100R, "102R,102A,129.""1, 129""."4,129""."5,118""."3,137""."1,137""."2,137""."4,119".ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 09:33
L3	0	244/100R,102	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 09:33
S1	0	("20050230549.pn.").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/26 09:31
S2	1	("20050230549").PN.	US-PGPUB; USPAT	OR	OFF	2006/07/18 15:59
S3	0	("2005/0230549").URPN.	USPAT	OR	ON	2006/07/18 16:03
S4	303	244/100R.ccls.	USPAT	OR	ON	2006/07/18 16:10
S5	721	244/102R.ccls.	USPAT	OR	ON	2006/07/18 16:45
S6	50	244/102A.ccls.	USPAT	OR	ON	2006/07/18 16:47
S7	309	244/129.1.ccls.	USPAT	OR	ON	2006/07/18 16:54
S8	153	244/129.4.ccls.	USPAT	OR	ON	2006/07/18 16:56
S9	290	244/129.5.ccls.	USPAT	OR	ON	2006/07/18 17:05
S10	19	244/129.5.ccls. and ((landing or nose) near gear)	USPAT	OR	ON	2006/07/18 17:06
S11	10	("2457625"   "2670156"   "3718171"   "3832804"   "5482228"   "5823473"   "6352221").PN. OR ("6499694").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/18 17:09
S12	17	("2782053"   "3198545"   "3350114"   "3724871"   "4290619"   "4382606"   "4389029"   "4408736"   "4796906").PN. OR ("5058827").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/18 17:10
S13	35	("2293198"   "2452251"   "2484900"   "2487548"   "2538878"   "2552843"   "2592905"   "2750134"   "2752112"   "2772060"   "3652039"   "3669387"   "4408736"   "4568045"   "4573649"   "4687158"   "4714298"   "4845804"   "5040747"   "5955972"   "6027070"   "6345786"   "6352221"   "6499005"   "6633239").PN. OR ("6854689").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/18 17:11
S14	5	("2869806").URPN.	USPAT	OR	ON	2006/07/18 17:12
S15	3	("2670156").URPN.	USPAT	OR	ON	2006/07/18 17:13

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S16	0	("2362919").URPN.	USPAT	OR	ON	2006/07/18 17:13
S17	0	("2362919").URPN.	USPAT	OR	ON	2006/07/18 17:13
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S19	1	"20060060707" and (second adj type)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/19 12:12
S20	156	landing adj gear adj door	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/19 12:20
S21	79	(landing near gear near door) and (decoupl\$3 or coupl\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/19 12:22
S22	14	S21 not S20	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/19 12:22
S23	3	("2670156").URPN.	USPAT	OR	ON	2006/09/08 14:51
S24	29	("2378856"   "2445131"   "2457625"   "2604281"   "2658792"   "2670156"   "2731221"   "2921501"   "3174712"   "3486721"   "3506223"   "3585757"   "3718171"   "5181677").PN. OR ("6352221").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/08 14:51
S25	141	("2293198"   "2345512"   "2401097"   "2445131"   "2452251"   "2457625"   "2484900"   "2487548"   "2519386"   "2538878"   "2549110"   "2552843"   "2562905"   "2587863"   "2592905"   "2670156"   "2750134"   "2752112"   "2772060"   "3440762"   "3485465"   "3511455"   "3652039"   "3669387"   "3718171"   "3832804"   "4125235"   "4375876"   "4408736"   "4568045"   "4573649"   "4687158"   "4714298"   "4845804"   "5040747"   "5482228"   "5823473"   "5955972"   "6027070"   "6345786"   "6352221"   "6499005"   "6633239").PN. OR ("2378856"   "2445131"   "2457625"   "2604281"   "2658792"   "2670156"   "2731221"   "2921501"   "3174712"   "3486721"   "3506223"   "3585757"   "3718171"   "5181677"   "6499694"   "6854689"   "7093795").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/08 15:02



## EAST Search History

S26	526	244/100R.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/08 15:13
S27	4076	244/100R,102R,129.4,129.5,118.3, 137.1,137.2,137.3,137.4.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/08 15:17
S28	3989613	aperture doorway egress entranceway entry entryway exit gate gateway hatch hatchway ingress opening portal postern entrance door	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/08 15:17
S29	2108	S27 and S28	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/08 15:17
S30	5219	244/100R,102R,129.4,129.5,118.3, 137.1,137.2,137.3,137.4,119.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/08 15:18
S31	2501	S28 and S30	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/08 15:18
S32	1167	S31 and (gear or wheel)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 08:34
S33	122629	"49"/\$.ccls. or "160"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 08:34
S34	30	S33 and door and (landing near gear)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 08:35
S35	2	("2406710").URPN.	USPAT	OR	ON	2006/09/11 08:37
S36	17	("2176461"   "2180462"   "2406710"   "2719016"   "2747817"   "2951454"   "3656164"   "4014486").PN. OR ("4188631"   "6786451").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 08:37
S37	22	("2702346"   "2984834"   "3478904"   "3656164"   "3803614"   "3984837"   "4188631"   "4458864").PN. OR ("4593288"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 08:39
S38	1	"6619587".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 09:12
S39	3	"2388365"	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 09:12

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S40	17	((("2388365") or ("2406710") or ("2457625") or ("2670156") or ("2731221") or ("3174712") or ("4412665") or ("5000400") or ("5947417") or ("6068215") or ("6345786") or ("6352221") or ("20050103937") or ("3424411") or ("3718171") or ("5213286") or ("20050194496") or ("2731221"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/09/11 09:15
S41	9	("1129938").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 09:16
S42	0	("8011798").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 09:16
S43	0	("8011798").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 09:16
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S45	2	"08011798"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 09:30
S46	1	("4674712").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/11 09:30

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S48	2	"2406710".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/12 19:26
S49	8	"2452251"	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/12 19:26
S50	3	((("2452251") or ("2406710") or ("3372892"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/09/12 19:27
S51	1	("6076767").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/14 08:52
S52	2	((("4085912") or ("5823468"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/09/14 08:52
S54	3	("2406710").URPN.	USPAT	OR	ON	2007/03/25 20:26